

- 04 INSTALLATION, HIGH RH
 03 INSTALLATION, HIGH LH
 02 INSTALLATION, LOW RH
 01 INSTALLATION, LOW LH

RIGHT SIDE INSTALLATION SHOWN, LEFT SIDE INSTALLATION OPPOSITE
 BELL 212 SHOWN; BELL 205 INSTALLATION IDENTICAL
 NOT TO SCALE

1	1	1	1	100610-01	09	CARGO BASKET ASSEMBLY - STANDARD LID
1				100606-01-02	08	QUICK RELEASE MOUNTING PROVISIONS, HIGH, RH
	1			100606-01-01	07	QUICK RELEASE MOUNTING PROVISIONS, HIGH, LH
		1		100605-01-02	06	QUICK RELEASE MOUNTING PROVISIONS, LOW, RH
			1	100605-01-01	05	QUICK RELEASE MOUNTING PROVISIONS, LOW, LH
				100601-02-02	04	BASKET INSTALLATION, HIGH, RH
				100601-02-01	03	BASKET INSTALLATION, HIGH, LH
				100601-01-02	02	BASKET INSTALLATION, LOW, RH
				100601-01-01	01	BASKET INSTALLATION, LOW, LH
04	03	02	01	PART NO.	ITEM	DESCRIPTION
QTY	QTY	QTY	QTY	LIST OF MATERIALS		

APPROVALS	DATE
DRAWN: JEFF CLARKE	13 JAN 2015
CHECKED: JASON REKVE	13 JAN 2015

UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES.
 TOLERANCES ON:
 DECIMALS ANGLES
 X.XXX ±0.010 ±1/2°
 X.XX ±0.03
 X.X ±0.1

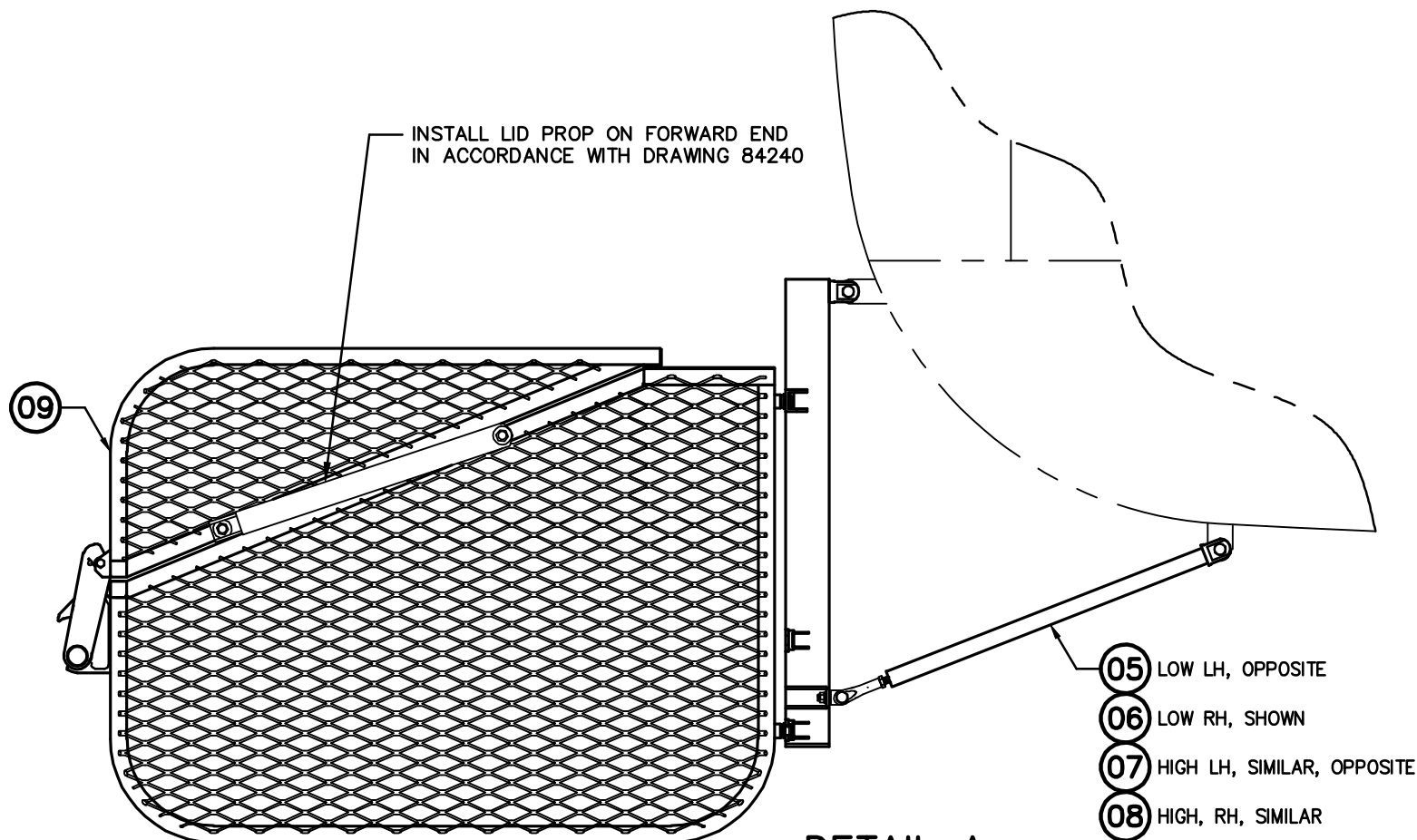


AERO DESIGN LTD.

9888A MALASPINA ROAD
 POWELL RIVER, BC, CANADA, V8A 0G3
 TEL: 604.483.2378 www.aerodesign.ca

BELL 205A-1, 205B, 212
 QUICK RELEASE MEGA CARGO BASKET
 INSTALLATION - STANDARD LID

NOT TO SCALE	DWG. SIZE	DWG. NO.	REV.
SHEET 1 OF 3	A4	100601	0




DETAIL A

NOT TO SCALE
LOOKING AFT AT FORWARD END
RIGHT SIDE SHOWN, LEFT SIDE OPPOSITE

R.B.L.
64.7 INCHES

R.B.L.
1643 mm

APPROVALS		DATE		 AERO DESIGN LTD. 9888A MALASPINA ROAD POWELL RIVER, BC, CANADA, V8A 0G3 TEL: 604.483.2376 www.aerodesign.ca
DRAWN:	JEFF CLARKE	13 JAN 2015		
CHECKED:	JASON REKVE	13 JAN 2015		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2" X.XX ±0.03 X.X ±0.1				BELL 205A-1, 205B, 212 QUICK RELEASE MEGA CARGO BASKET INSTALLATION - STANDARD LID
NOT TO SCALE		DWG. SIZE	DWG. NO.	REV.
SHEET 2 OF 3		A4	100601	0

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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		

NOTES


1. HIGH SKID LANDING GEAR IS A MANDATORY PREREQUISITE FOR THE LOW BASKET INSTALLATION (ITEM 01 AND 02).
2. QUICK RELEASE MOUNTING PROVISIONS INSTALLED IN ACCORDANCE WITH DRAWING 100605 OR 100606 IS A MANDATORY PREREQUISITE FOR THIS INSTALLATION.
3. REFER TO FLIGHT MANUAL SUPPLEMENT, FMS751.91, FOR LIMITATIONS WITH THE QUICK RELEASE CARGO BASKET INSTALLED.
4. REFER TO INSTRUCTIONS FOR CONTINUED AIRWORTHINESS, ICA751.90, FOR MAINTENANCE INFORMATION.
5. LATERAL ARMS IN THE WEIGHT AND BALANCE ARE FOR RIGHT SIDE INSTALLATION. LEFT SIDE INSTALLATION ARMS ARE NEGATIVE.
6. INSTALLATION PROCEDURE:
 - A) LIFT FORWARD END OF BASKET TO HELICOPTER, ENGAGE UPPER FORWARD LUG IN UPPER HOOK IN FORWARD BEAM.
 - B) LIFT AFT END OF BASKET, ENGAGE LOWER FORWARD ATTACHMENT IN LOWER SLOT IN FORWARD BEAM.
 - C) ENGAGE AFT FITTINGS IN KEYWAYS IN AFT BEAM, PUSH BASKET DOWN.
 - D) RETAINING PIN IN LOWER KEYWAY WILL SPRING INTO PLACE WITH A SNAP.

WEIGHT AND BALANCE – METRIC

ITEM	DESCRIPTION	WEIGHT (kg)	LONGITUDINAL		LATERAL	
			ARM (mm)	MOMENT (mm–kg)	ARM (mm)	MOMENT (mm–kg)
05/06	ATTACH PROVISIONS, LOW	5.1	3064	15626	1164	5936
09	BASKET ASSEMBLY	45.4	3073	139514	1643	74592
01/02	LOW BASKET INSTALLATION	50.5	3072	155140	1595	80528
07/08	ATTACH PROVISIONS, HIGH	5.3	3150	16695	1165	6175
09	BASKET ASSEMBLY	45.4	3081	139877	1643	74592
03/04	HIGH BASKET INSTALLATION	50.7	3088	156572	1593	80767

WEIGHT AND BALANCE – STANDARD

ITEM	DESCRIPTION	WEIGHT (LB)	LONGITUDINAL		LATERAL	
			ARM (IN)	MOMENT (LB–IN)	ARM (IN)	MOMENT (LB–IN)
05/06	ATTACH PROVISIONS, LOW	11.2	120.64	1351.2	45.84	513.4
09	BASKET ASSEMBLY	100.0	121.00	12100.0	64.69	6469.0
01/02	LOW BASKET INSTALLATION	111.2	120.96	13451.2	62.79	6982.4
07/08	ATTACH PROVISIONS, HIGH	11.6	124.02	1438.6	45.88	532.2
09	BASKET ASSEMBLY	100.0	121.31	12131.0	64.69	6469.0
03/04	HIGH BASKET INSTALLATION	111.6	121.59	13569.6	62.73	7001.2

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DECIMALS		ANGLES							
X.XXX ±0.010		±1/2°							
X.XX ±0.03									
X.X ±0.1									
				NOT TO SCALE		DWG. SIZE	DWG. NO.	REV.	
				SHEET 3 OF 3		A4	100601	0	